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SEQUENCE LISTING

#5

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> A NOVEL CELL SURFACE RECEPTOR FOR HIV RETROVIRUSES,
THERAPEUTIC AND DIAGNOSTIC USES.

<130> 03495.0166-01000

<140> 09/393,302

<141> 1999-09-10

<150> PCT/EP98/01409

<151> 1998-03-12

<150> 60/040,969

<151> 1997-03-12

<160> 32

<170> PatentIn Ver. 2.1

<210> 1

<211> 30

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: cDNA

<400> 1

cgccgccatc atggtgaagc tcgcaaggt

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<210> 2

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: cDNA

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gagagcgcca gagatggaga tgggcagacg

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: cDNA

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 <223> Description of Artificial Sequence: primer

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 <211> 40
 <212> PRT
 <213> Human immunodeficiency virus

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 Arg Gly Pro Gly Arg Ala Phe Val Thr Ile Gly Lys Ile Gly Asn Met
 20 25 30
 Arg Gln Ala His Cys Asn Ile Ser
 35 40

<210> 11
 <211> 39
 <212> PRT
 <213> Human immunodeficiency virus

<400> 11
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 Gln Ala His Cys Asn Leu Ser
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<210> 12
 <211> 14
 <212> PRT
 <213> Homo sapiens

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<210> 13
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 <213> Homo sapiens

<400> 13

Lys Lys Leu Glu Leu Ser Asp Asn Arg Val Ser Gly Gly Leu
1 5 10

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<212> PRT

<213> Homo sapiens

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<212> PRT

<213> Homo sapiens

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<211> 15

<212> PRT

<213> Homo sapiens

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<212> PRT

<213> Homo sapiens

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<211> 7

<212> PRT

<213> Homo sapiens

<400> 18

Lys Gln Gly Thr Glu Ile Asp
1 5

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<211> 10

<212> PRT

<213> Homo sapiens

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Lys Val Thr Leu Asp Trp Ala Lys Pro Lys
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<212> PRT

<213> Homo sapiens

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Lys Lys Leu Glu Leu Ser Glu
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<213> Homo sapiens

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<223> Xaa at position 8 is unknown

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<212> PRT

<213> Homo sapiens

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Met Ser Glu Asp Glu Glu Asp Asp Ser Ser Gly Glu Glu Val Val Ile
35 40 45

Pro Gln Lys Lys Gly Lys Lys Ala Ala Ala Thr Ser Ala Lys Lys Val
50 55 60

Val Val Ser Pro Thr Lys Lys Val Ala Val Ala Thr Pro Ala Lys Lys
65 70 75 80

Ala Ala Val Thr Pro Gly Lys Lys Ala Ala Ala Thr Pro Ala Lys Lys
85 90 95

Thr Val Thr Pro Ala Lys Ala Val Thr Thr Pro Gly Lys Lys Gly Ala
100 105 110

Thr	Pro	Gly	Lys	Ala	Leu	Val	Ala	Thr	Pro	Gly	Lys	Lys	Gly	Ala	Ala	
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Ile	Pro	Ala	Lys	Gly	Ala	Lys	Asn	Gly	Lys	Asn	Ala	Lys	Lys	Glu	Asp	
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Pro	Tyr	Lys	Val	Thr	Gln	Asp	Glu	Leu	Lys	Glu	Val	Phe	Glu	Asp	Ala	
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Ala Glu Ile Arg Leu Val Ser Lys Asp Gly Lys Ser Lys Gly Ile Ala
 420 425 430
 Tyr Ile Glu Phe Lys Thr Glu Ala Asp Ala Glu Lys Thr Phe Glu Glu
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 Lys Gln Gly Thr Glu Ile Asp Gly Arg Ser Ile Ser Leu Tyr Tyr Thr
 450 455 460
 Gly Glu Lys Gly Gln Asn Gln Asp Tyr Arg Gly Gly Lys Asn Ser Thr
 465 470 475 480
 Trp Ser Gly Glu Ser Lys Thr Leu Val Leu Ser Asn Leu Ser Tyr Ser
 485 490 495
 Ala Thr Glu Glu Thr Leu Gln Glu Val Phe Glu Lys Ala Thr Phe Ile
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 Lys Val Pro Gln Asn Gln Asn Gly Lys Ser Lys Gly Tyr Ala Phe Ile
 515 520 525
 Glu Phe Ala Ser Phe Glu Asp Ala Lys Glu Ala Leu Asn Ser Cys Asn
 530 535 540
 Lys Arg Glu Ile Glu Gly Arg Ala Ile Arg Leu Glu Leu Gln Gly Pro
 545 550 555 560
 Arg Gly Ser Pro Asn Ala Arg Ser Gln Pro Ser Lys Thr Leu Phe Val
 565 570 575
 Lys Gly Leu Ser Glu Asp Thr Thr Glu Glu Thr Leu Lys Glu Ser Phe
 580 585 590
 Asp Gly Ser Val Arg Ala Arg Ile Val Thr Asp Arg Glu Thr Gly Ser
 595 600 605
 Ser Lys Gly Phe Gly Phe Val Asp Phe Asn Ser Glu Glu Asp Ala Lys
 610 615 620
 Glu Ala Met Glu Asp Gly Glu Ile Asp Gly Asn Lys Val Thr Leu Asp
 625 630 635 640
 Trp Ala Lys Pro Lys Gly Glu Gly Gly Phe Gly Gly Arg Gly Gly Gly
 645 650 655
 Arg Gly Gly Phe Gly Gly Arg Gly Gly Gly Arg Gly Gly Arg Gly Gly
 660 665 670
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<210> 23
 <211> 10942
 <212> DNA
 <213> Homo sapiens

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<211> 249

<212> PRT

<213> Homo sapiens

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Thr Ile Asn Val Gly Leu Thr Ser Ile Ala Asn Leu Pro Lys Leu Asn
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Lys Leu Lys Lys Leu Glu Leu Ser Asp Asn Arg Val Ser Gly Gly Leu
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Glu Val Leu Ala Glu Lys Cys Pro Asn Leu Thr His Leu Asn Leu Ser
85 90 95

Gly Asn Lys Ile Lys Asp Leu Ser Thr Ile Glu Pro Leu Lys Lys Leu
100 105 110

Glu Asn Leu Lys Ser Leu Asp Leu Phe Asn Cys Glu Val Thr Asn Leu
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Asn Asp Tyr Arg Glu Asn Val Phe Lys Leu Leu Pro Gln Leu Thr Tyr
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Leu Asp Gly Tyr Asp Arg Asp Asp Lys Glu Ala Pro Asp Ser Asp Ala
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Ala Ser Glu Glu Ile Leu Lys Val Glu Gln Lys Tyr Asn Lys Leu Arg
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<212> PRT

<213> Human immunodeficiency virus

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<213> Human immunodeficiency virus

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<212> PRT

<213> Homo sapiens

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